

Title (en)
COLOR CATHODE-RAY TUBE

Publication
EP 0529098 A4 19930804 (EN)

Application
EP 92906681 A 19920313

Priority
• JP 4968391 A 19910314
• JP 9200309 W 19920313

Abstract (en)
[origin: EP0529098A1] A color cathode-ray tube having a high-luminance phosphor coating that emits deep red color. The color cathode-ray tube has a face plate coated with phosphor films of blue color-emitting, green color-emitting and red color-emitting components, and wherein an europium-activated rare earth oxide phosphor having an x-value of CIE color indication ranging from 0.630-0.652 and an europium-activated rare earth sulfide phosphor having an x-value ranging from 0.652-0.674 are mixed in order to form a phosphor film of a red color-emitting component having an x-value ranging from 0.647-0.662. <IMAGE>

IPC 1-7
C09K 11/08; **C09K 11/78**; **C09K 11/84**; **H01J 29/20**

IPC 8 full level
C09K 11/02 (2006.01); **C09K 11/77** (2006.01); **C09K 11/78** (2006.01); **H01J 29/20** (2006.01); **H01J 29/32** (2006.01)

CPC (source: EP KR US)
C09K 11/025 (2013.01 - EP US); **C09K 11/08** (2013.01 - KR); **C09K 11/77** (2013.01 - KR); **C09K 11/7784** (2013.01 - EP US); **C09K 11/7787** (2013.01 - EP US); **C09K 11/7789** (2013.01 - EP US); **H01J 29/20** (2013.01 - EP US); **H01J 29/32** (2013.01 - EP US)

Citation (search report)
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• [A] FR 2266950 A1 19751031 - MATSUSHITA ELECTRONICS CORP [JP]
• [A] DATABASE WPIL Section Ch, Week 34, Derwent Publications Ltd., London, GB; Class A85, AN 90-256511 & JP-A-2 178 387 (TOSHIBA DENSHI) 11 July 1990
• [A] DATABASE WPIL Section Ch, Week 20, Derwent Publications Ltd., London, GB; Class L03, AN 81-35087D & JP-A-56 030 487 (KASEI OPTONIX) 27 March 1981
• [A] DATABASE WPI Section Ch, Week 2, Derwent Publications Ltd., London, GB; Class E33, AN 79-03110B & JP-A-53 137 087 (TOKYO SHIBAURA) 30 November 1978
• See references of WO 9216598A1

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EP 0529098 A1 19930303; **EP 0529098 A4 19930804**; **EP 0529098 B1 19961127**; CA 2082961 A1 19920915; CA 2082961 C 20020305; DE 69215453 D1 19970109; DE 69215453 T2 19970327; KR 0184292 B1 19990501; KR 930700623 A 19930315; US 5394055 A 19950228; WO 9216598 A1 19921001

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